



Should I upgrade my firmware?

• beneix • Mar 30th 2022



beneix

[Beginner]

Mar 30th 2022

I just received a new APU2E4 board from PCEngines today. I discovered that it has Coreboot from 20170228 and SeaBIOS rel.1.10.0.1, so I am wondering if it would be advisable to update this to the latest firmware? Should I use 4.16.0.1, and is it as simple as this?

- Install TinyCore to a USB stick
- Copy the .rom file to the USB stick
- Boot from the USB stick

Posts:

2



mkopec

[Administrator]

Mar 31st 2022

Hello @beneix ,

In general, you should not need to update your firmware unless you are having a specific problem that a newer version fixes. That being said, newer firmware versions add various features, bug fixes and performance improvements (https://pcengines.github.io/apu2-documentation/apu_CPU_boost/). You can see the changelog for the firmware here: <https://pcengines.github.io/> (<https://pcengines.github.io/>)

Please see our official documentation for instructions on how to update your firmware:

https://pcengines.github.io/ap...tation/firmware_flashing/

(https://pcengines.github.io/apu2-documentation/firmware_flashing/)

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Photojim

[Beginner]

Apr 18th 2022

I've had good success from using the 'flashrom' upgrade procedure inside Linux. A hard reset is required (there are ways to fake a hard-enough reset if physical access isn't possible but I've not tried them).

Posts:

4



computersalat

[Beginner]

Apr 21st 2022

so which firmware is the most stable one to be used for APU3D4 while using ?

- Storage
- gsm/lte modem
- WiFi

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3



Apr 25th 2022

computersalat wrote:



[Administrator]

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Posts:

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so which firmware is the most stable one to be used for APU3D4 while using ?

- Storage
- gsm/lte modem
- WiFi



The recommended firmware version is the latest v4.16.0.x series as the recent versions receive bug fixes and are tested more extensively. If you want to see the test results for all firmware versions, check out https://docs.google.com/spread..._Q_qmJEJ8_XqJc/edit#gid=0
(https://docs.google.com/spreadsheets/d/1_uRhVo9eYeZONnelymonYp444zYHT_Q_qmJEJ8_XqJc/edit#gid=0)